

DECLARATION AND POWER OF ATTORNEY

As below named inventors, we hereby declare that:

Our residences, post office addresses and citizenships are as stated below next to our name. We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**HIGHLY EFFICIENT METHOD OF MIXING DISSIMILAR
FLUIDS USING MECHANICALLY INDUCED CAVITATION**

the specification of which is attached hereto.

We do not know and do not believe that the invention was ever known or ever used in the United States before our invention thereof, or patented or described in any printed publication in any country before our invention thereof or more than one year prior to the date of this application, or in public use or on sale in the United States more than one year prior to the date of this application.

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations Section 1.56(a).

We hereby claim the benefit under Title 35, United States Code Section 120 of any United States applications or PCT international applications designating the United States of America that are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in those prior applications in the manner provided by the first paragraph of Title 35, United States Code Section 112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior applications and the national or PCT international filing date of this application.

U.S. Provisional Patent Application Serial No. 60/204,838, filed May 17, 2000, presently pending for the invention entitled: **HIGHLY EFFICIENT METHOD OF
MIXING DISSIMILAR FLUIDS USING MECHANICALLY INDUCED
CAVITATION**

As named inventors, we hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Louis T. Isaf	Reg. No. 29,078
James F. Vaughan	Reg. No. 31,889
Steven D. Kerr	Reg. No. 32,472
D. Scott Sudderth	Reg. No. 34,026
Michael A. Cicero	Reg. No. 34,562
John J. Timar	Reg. No. 32,497
Jeffery B. Arnold	Reg. No. 39,540
Lisa J. Moyles	Reg. No. 40,737
Steven L. Schmid	Reg. No. 39,358
David Hayzer, Ph.D.	Reg. No. 43,329
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SEND CORRESPONDENCE TO:

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We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: **Kelly Hudson**

Inventor's Signature: W Kelly Hudson
Date 11-20-00 Country of Citizenship: U.S.A.
Residence: P.O. Box 38, Gaylesville, Alabama 35973
Post Office Address: P.O. Box 38, Gaylesville, Alabama 35973

Full Name of second inventor: **Bijan Kazem**

Inventor's Signature: Bijan Kazem
Date 11-20-00 Country of Citizenship: U.S.A.
Residence: 731 Helga Drive, Woodstock, Georgia 30188
Post Office 731 Helga Drive, Woodstock, Georgia 30188

Docket No. H147 1020

DECLARATION OF SMALL BUSINESS CONCERN

Kelly Hudson declares that he is the President of:

HYDRO DYNAMICS, INC.

and he is authorized to execute this declaration on behalf of said corporation.

The following identified application for patent and the invention disclosed therein have been assigned to said corporation:

Entitled: **HIGHLY EFFICIENT METHOD OF MIXING DISSIMILAR FLUIDS USING MECHANICALLY INDUCED CAVITATION**

Inventor: **Kelly Hudson**

Inventor: **Bijan Kazem**

Serial No.

Filing Date:

Said corporation is a small business concern for the purpose of paying reduced fees to the United States Patent and Trademark Office under 35 U.S.C. 41(a) and (b), in that said corporation and all of its affiliates employ less than five hundred persons at the present time and averaged less than five hundred employees during each of the pay periods of the last fiscal year. Said corporation has not assigned, granted, conveyed or licensed, and is under no obligation under contract or law to assign, grant, convey or license, any rights in the invention of said application to any person who could not be classified as an independent inventor if that person had made the invention or to any concern which would not qualify as a small business concern or non-profit organization under this Section.

I acknowledge that once said corporation has assigned, granted, conveyed, or licensed, or comes under an obligation to assign, grant, convey or license, any rights to the invention to anyone who could not likewise obtain status as a small entity, said corporation will no longer be entitled to pay to the U.S. Patent and Trademark Office in the amount established for a small business concern.

I hereby verify that all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of said patent application or any patent resulting therefrom.

K 11/20/00
Date

ATLANTA 230162v1

K Kelly Hudson
KELLY HUDSON
Title: President